





TELEPHONE: (415) 324-0880  
TELEFAX: (415) 324-0960  
INFORMATION FOR SEQ ID NO: 101:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 5543 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
INDIVIDUAL ISOLATE: 3' END OF INTRON 19 OF RAD50 GENOMIC  
INDIVIDUAL ISOLATE: SEQUENCE  
US-08-687-080-101

Query Match 3.2%; Score 169; DB 4; Length 5543;  
Best Local Similarity 80.1%; Pred. No. 6.6e-31;  
Matches 214; Conservative 0; Mismatches 45; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcgaactctctcccccaggttcaagcaatctcctgtctcagcctcc 1380  
DB 885 ATCTCGGCTACTGCAATCTCTGCTCCAGGTTCAAGCGATTCTCTGCTCAGCCTCC 826  
QY 1381 cgcgtagctggagactacagcg-----cagcgccggctaatctttgtatctagta 1432  
DB 825 TGAGTACCTGGGATTACAGCGCGGTGTACACACCTGCTATTTTTCATTTTCAGTA 766  
QY 1433 gagatgggggttccacacatattagccggctgtgtcttgaactcctgcagcctcagtgatcca 1492  
DB 765 GAGATGGGGTTTACCATATTGGCAGGCTAGTCTGAACCTCTGACCTCAGGTGATCCG 706  
QY 1493 cccacctcagccctccaaagtgtgtgattacacggcatgttaccggcgccggccaagg 1552  
DB 705 TCGCCTTGCCCTCCCAAAAGTCTGGGATTACAGCATGATGATGCGCTGCGCTCCT 646  
QY 1553 gtccagtttcaataagaactctga 1579  
DB 645 CTCCTTATTGACTACTAGATCTTCA 619

RESULT 4

US-08-395-800A-7/c  
Sequence 7, Application US/08395800A

Patent No. 5807732  
GENERAL INFORMATION:  
APPLICANT: LOME, JOHN B  
APPLICANT: LENNON, GREGORY  
APPLICANT: ROQUJER, SYLVIE  
APPLICANT: GIORGI, DOMINIQUE  
APPLICANT: KELLY, ROBERT J  
TITLE OF INVENTION: GDP-L-FUCOSE: BETA-D-GALACTOSIDE  
TITLE OF INVENTION: 2-ALPHA-L-FUCOSYLTRANSFERASES, DNA SEQUENCES ENCODING THE  
TITLE OF INVENTION: SAME, METHOD FOR PRODUCING THE SAME AND A METHOD OF  
TITLE OF INVENTION: GENOTYPING A PERSON  
NUMBER OF SEQUENCES: 22  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT  
STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400  
CITY: ARLINGTON  
STATE: VIRGINIA  
COUNTRY: USA  
ZIP: 22202  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/395,800A  
FILING DATE: 28-FEB-1995  
CLASSIFICATION: 435

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2115 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 64..1092  
US-08-395-800A-7

Query Match 3.1%; Score 165; DB 2; Length 2115;  
Best Local Similarity 76.3%; Pred. No. 3.9e-30;  
Matches 219; Conservative 0; Mismatches 60; Indels 8; Gaps 1;

QY 1281 gggtaggggtctgtgtcttaccactccctgtatgtcttaccctgagctcactgcaact 1340  
DB 1522 GACTCTTGCTGTGTACCCAGGCTGGAGTGCAGCGGACCACTTGGCTCAGTCACTGCAACT 1463  
QY 1341 ctgcctccaggttcaagcaatctcctgtctcagcctcccgtagctcggagactacag 1400  
DB 1462 CCGCTCTGGGTGTCAAGATGATTTCTTGTGCTCAGCCTCCAGATGCTGGGATTTACAG 1403  
QY 1401 cg-----cagcgccggctaatcttgvlatgttagtagagatgggttccacatat 1452  
DB 1402 TGACACACACACCGCTGCTATTTTGTATTTTATTTTATGATGAGATGGGTTTACCATGT 1343  
QY 1453 tagccggctgtgtgtgaactcctgcagcctcaggtgtagtccacacactcagcctccaaag 1512  
DB 1342 TGCGCAGGCTAGCTTGAACCTCTGACCTCAAGTATCCACCCACCCCTGCGCTCCAAAG 1283  
QY 1513 tgcgtgattacagagcatgagtcacggcgccggccaagggtcagtg 1559  
DB 1282 TGGGACATTTACAGCATGAGCCACCCAGCCAGGCCACATGTTTACAG 1236

RESULT 5

US-08-480-784-20  
Sequence 20, Application US/08480784

Patent No. 5693473  
GENERAL INFORMATION:  
APPLICANT: SKOLNICK, MARK H.  
APPLICANT: GOLDBERG, DAVID E.  
APPLICANT: MIKI, YOSHIO  
APPLICANT: SWENSON, JEFF  
APPLICANT: KAMB, ALEXANDER  
APPLICANT: HARSHMAN, KEITH D.  
APPLICANT: SHATLUCK-ELIENS, DONNA M.  
APPLICANT: TAVELIGIAN, SEAN V.  
APPLICANT: WISEMAN, ROGER W.  
APPLICANT: FUTREAL, P. ANDREW  
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
TITLE OF INVENTION: Susceptibility Gene  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

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APPLICATION NUMBER: US/08/480,784
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-8300
TELEFAX: 202-962-810
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-480-784-20
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Query Match 3.1% Score 164.6; DB 2; Length 6769;
Best Local Similarity 84.4%; Pred. No. 8.1e-30;
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaacctctgctcccaaggttcaagcaattctctgtctcagctcc 1380
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DB 5509 ATCTACCTCTCCGCAAGCTGTGCTCCAGGTGAAGCCATCTCGCTCAGCTCT 5568

QY 1381 cgcgtagctgggactacagcg-----cagcccggtcaattttgtattgtagta 1432
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DB 5569 CTAGTAGCTGGGACTACAGGCGCGCCGACACCCGCTAATTTTGTATTGTAGTA 5628

QY 1433 gagatggggtttcccatataggccggctgtgttgtaactcctcaggtatcga 1492
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 5629 GAGATGGGGTTTCACCATGTGTGGCCAGGCTGTGTAATCATGACCTCAAGTGTCCA 5688

QY 1493 cccaccctcagctcctcaagtgctggattacagggcatgagtcagcgcccgcca 1549
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 5689 CCGCGCTCAGGCTCCCAAGTGCTGCAATTCAGCGCTGAGCCACGCGCCACGCAA 5745

RESULT 6
US-08-483-553-20
Sequence 20, Application US/08483553
Patent No. 5709899
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
```

```
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,553
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 6769 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
US-08-483-553-20
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Query Match 3.1% Score 164.6; DB 2; Length 6769;
Best Local Similarity 84.4%; Pred. No. 8.1e-30;
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

QY 1321 acctgagctcactgcaacctctgctcccaaggttcaagcaattctctgtctcagctcc 1380
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 5509 ATCTACCTCTCCGCAAGCTGTGCTCCAGGTGAAGCCATCTCGCTCAGCTCT 5568

QY 1381 cgcgtagctgggactacagcg-----cagcccggtcaattttgtattgtagta 1432
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 5569 CTAGTAGCTGGGACTACAGGCGCGCCGACACCCGCTAATTTTGTATTGTAGTA 5628

QY 1433 gagatggggtttcccatataggccggctgtgttgtaactcctcaggtatcga 1492
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 5629 GAGATGGGGTTTCACCATGTGTGGCCAGGCTGTGTAATCATGACCTCAAGTGTCCA 5688
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Oy 1493 cccaccctcagcctcctaaagctgctggagattacagcagtcacccgcccagcca 1549  
 Db 5689 cccgctcagcctcccaaaagtctgctgaattacagccttgagccaccgctgccagcaa 5745

RESULT 7

US-08-487-002-20  
 Sequence 20, Application US/08487002  
 Patent No. 5710001

GENERAL INFORMATION:

APPLICANT: Shattuck-Elidens, Donna M.  
 APPLICANT: Simard, Jacques  
 APPLICANT: Eml, Mitsuru  
 APPLICANT: Nakamura, Yusuke  
 APPLICANT: Durocher, Franck  
 TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
 TITLE OF INVENTION: Susceptibility Gene  
 NUMBER OF SEQUENCES: 85  
 CORRESPONDENCE ADDRESSES:  
 ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
 STREET: 1201 New York Avenue, N.W., Suite 1000  
 CITY: Washington  
 STATE: DC  
 COUNTRY: USA  
 ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/487,002  
 FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/409,305  
 FILING DATE: 24-MAR-1995  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/348,824  
 FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/308,104  
 FILING DATE: 16-SEP-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,266  
 FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/289,221  
 FILING DATE: 12-AUG-1994  
 ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.  
 REGISTRATION NUMBER: 28,957  
 REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-962-4810  
 TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 20:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 6769 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double

TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 HYPOTHETICAL: NO  
 ANTI-SENSE: NO

ORIGINAL SOURCE:  
 ORGANISM: Homo sapiens  
 US-08-487-002-20

Query Match 3.1%; Score 164.6; DB 2; Length 6769;  
 Best Local Similarity 84.4%; Prid. No. 8.1e-30;  
 Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

Oy 1321 acctgagctcactgcaacctctgctccccaaggttcaagcaattctcgttcaagctcc 1380  
 Db 5509 ATCTCACTCTCCGCAAGCTCTGCTCCAGGTTGAAGCATATCTCTCAGAGCTT 5568  
 Oy 1381 cgcgttagctggagactcaagcgcg-----caagcccgtaattttgtatgtagta 1432  
 Db 5569 CTAGTAGCTGGGACTACAGGCGCGCCACACACCCGGCTAATTTTGTATTTAGTA 5628  
 Oy 1433 gagatgggtttccacatattagccggctgtgtcttgaacctctgaacctcaagtgatcca 1492  
 Db 5629 GAGATGGGGTTTCACCATGTTGCGCGGCTGCTTGAAGCTATGACCTCAAGTGCTCA 5688  
 Oy 1493 cccaccctcagcctcctaaagctgctggagattacagcagtcacccgcccagcca 1549  
 Db 5689 cccgctcagcctcccaaaagtctgctgaattacagccttgagccaccgctgccagcaa 5745

RESULT 8

US-08-483-554B-20  
 Sequence 20, Application US/08483554B  
 Patent No. 5747282

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.  
 APPLICANT: Goldgar, David E.  
 APPLICANT: Miki, Yoshio  
 APPLICANT: Swenson, Jeff  
 APPLICANT: Kamb, Alexander  
 APPLICANT: Harshman, Keith D.  
 APPLICANT: Shattuck-Elidens, Donna M.  
 APPLICANT: Tavligian, Sean W.  
 APPLICANT: Wiseman, Roger W.  
 APPLICANT: Futreal, P. Andrew  
 TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
 TITLE OF INVENTION: Susceptibility Gene  
 NUMBER OF SEQUENCES: 85  
 CORRESPONDENCE ADDRESSES:  
 ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
 STREET: 1201 New York Avenue, N.W., Suite 1000  
 CITY: Washington  
 STATE: DC  
 COUNTRY: USA  
 ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/483,554B  
 FILING DATE: 07-JUN-1995

CLASSIFICATION: 514  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/409,305  
 FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/348,824  
 FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/308,104  
 FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/300,266  
 FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/289,221  
 FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:  
 NAME: Ihnen, Jeffrey L.  
 REGISTRATION NUMBER: 28,957  
 REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300  
: INFORMATION FOR SEQ ID NO: 20:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 6769 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: double  
: TOPOLOGY: linear  
: MOLECULE TYPE: DNA (genomic)  
: HYPOTHEICAL: NO  
: ANTI-SENSE: NO  
: ORIGINAL SOURCE:  
: ORGANISM: Homo sapiens  
US-08-483-554B-20

Query Match 3.1%; Score 164.6; DB 2: Length 6769;  
Best Local Similarity 84.4%; Pred. No. 8.1e-30;  
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

Qy 1321 accgtgagctcactgaacacctctgctcccaaggctcaagaacattctctgtctcagctcc 1380  
Db 5509 ATCTACCTCTCCGACAGCTGCTCCCAAGTTGAAGCCATCTCTGCTCAGCTCT 5568  
Qy 1381 cgcgtagctgggactacagcg-----cagcccggtcaattttgtattgttagta 1432  
Db 5569 CTAGTAGCTGGGACTACAGCGCGCGCCACACACCGGCTAATTTTGTATTTTAGTA 5628  
Qy 1433 gagatgggggtttcacacatatggcccgctgtcttgaacctctgaacctcaggtatcca 1492  
Db 5629 GAGATGGGGTTTACACATGTTGGCCAGGCTGCTTGAACATATGACCTCAAGTGTGCA 5688  
Qy 1493 cccacctcagcctcctaaagtctgtggaattacaggcatgagtcacgcgcgcgcga 1549  
Db 5689 CCCGCTCAGCTCCCAAGTCTGTGAATTTACAGGCTTGAGCCACGTCGCCAGCAA 5745

RESULT 9  
US-08-488-011B-20  
: Sequence 20, Application US/08488011B  
: Patent No. 5753441  
: GENERAL INFORMATION:  
: APPLICANT: Skolnick, Mark H.  
: APPLICANT: Goldgar, David E.  
: APPLICANT: Miki, Yoshio  
: APPLICANT: Swenson, Jeff  
: APPLICANT: Kamb, Alexander  
: APPLICANT: Harshman, Keith D.  
: APPLICANT: Shattuck-Eidens, Donna M.  
: APPLICANT: Tavligian, Sean V.  
: APPLICANT: Wiseman, Roger W.  
: APPLICANT: Futreal, P. Andrew  
: TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer  
: TITLE OF INVENTION: Susceptibility Gene  
: NUMBER OF SEQUENCES: 85  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
: STREET: 1201 New York Avenue, N.W., Suite 1000  
: CITY: Washington  
: STATE: DC  
: COUNTRY: USA  
: ZIP: 20005  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: Patentin Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: APPLICATION NUMBER: US/08/488,011B  
: FILING DATE: 07-JUN-1995  
: CLASSIFICATION: 435  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 08/409,305  
: FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 08/348,824  
: FILING DATE: 29-NOV-1994  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 08/308,104  
: FILING DATE: 16-SEP-1994  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 08/300,266  
: FILING DATE: 02-SEP-1994  
: PRIOR APPLICATION DATA:  
: APPLICATION NUMBER: US 08/289,221  
: FILING DATE: 12-AUG-1994  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Ihnen, Jeffrey L.  
: REGISTRATION NUMBER: 28,957  
: REFERENCE/DOCKET NUMBER: 24884-109347-09  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: 202-962-4810  
: TELEFAX: 202-962-8300  
: INFORMATION FOR SEQ ID NO: 20:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 6769 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: double  
: TOPOLOGY: linear  
: MOLECULE TYPE: DNA (genomic)  
: HYPOTHEICAL: NO  
: ANTI-SENSE: NO  
: ORIGINAL SOURCE:  
: ORGANISM: Homo sapiens  
US-08-488-011B-20

Query Match 3.1%; Score 164.6; DB 2: Length 6769;  
Best Local Similarity 84.4%; Pred. No. 8.1e-30;  
Matches 200; Conservative 0; Mismatches 29; Indels 8; Gaps 1;

Qy 1321 accgtgagctcactgaacacctctgctcccaaggctcaagaacattctctgtctcagctcc 1380  
Db 5509 ATCTACCTCTCCGACAGCTGCTCCCAAGTTGAAGCCATCTCTGCTCAGCTCT 5568  
Qy 1381 cgcgtagctgggactacagcg-----cagcccggtcaattttgtattgttagta 1432  
Db 5569 CTAGTAGCTGGGACTACAGCGCGCGCCACACACCGGCTAATTTTGTATTTTAGTA 5628  
Qy 1433 gagatgggggtttcacacatatggcccgctgtcttgaacctctgaacctcaggtatcca 1492  
Db 5629 GAGATGGGGTTTACACATGTTGGCCAGGCTGCTTGAACATATGACCTCAAGTGTGCA 5688  
Qy 1493 cccacctcagcctcctaaagtctgtggaattacaggcatgagtcacgcgcgcgcga 1549  
Db 5689 CCCGCTCAGCTCCCAAGTCTGTGAATTTACAGGCTTGAGCCACGTCGCCAGCAA 5745

RESULT 10  
PCT-US95-10202-20  
: Sequence 20, Application PC/TUS9510202  
: GENERAL INFORMATION:  
: APPLICANT: Shattuck-Eidens, Donna M.  
: APPLICANT: Simard, Jacques  
: APPLICANT: Eml, Mitsuru  
: APPLICANT: Nakamura, Yusuke  
: APPLICANT: Durocher, Francine  
: TITLE OF INVENTION: In Vivo Mutations and Polymorphisms  
: TITLE OF INVENTION: in the 17q-Linked Breast and Ovarian Cancer  
: TITLE OF INVENTION: Susceptibility Gene  
: NUMBER OF SEQUENCES: 85  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
: STREET: 1201 New York Avenue, N.W., Suite 1000  
: CITY: Washington  
: STATE: DC  
: COUNTRY: USA



Oy	1231	acccgagcctacacgcaaacccctgcctcccccaggtcttaagaatctccctcctcacaacccc	1380
Db	5509	ATCTCACCTCTCCGCACACGCTCTGCTCTCCAGTTGAAGCCATACTCTGCTCACTCTCT	5568
Oy	1381	cgcctagctcgtggaactacaagcgcg-----cacgcgcgcgcctaattcttgatgtgta	1432
Db	5569	CTAATACTGGAGACTACAGCGCGGCGGCACACACACCGGGCTAATTTTSTATTATTAGTA	5628
Oy	1433	gagatgggggttcaacatattagcccgcgctgctcttgaactccctgaactcaagtgatcca	1492
Db	5629	GAGATGGGGTTTACCACTGTTGGCGACAGCGCTGCTTGAACATCATGCAACCTCAAGTGTC	5688
Oy	1493	ccacccccaagcctcccaagttgcctgggattaaaggatgaatgaacacgggcgcgcgcgca	1549
Db	5689	CCCCCTTAGCTCCCAAGTGTGGGAATTACAGGCTTGAAGCACCGTCCACGAA	5745

RESULT 12  
PCT-US95-10220-20  
Sequence 20, Application PC/TUS9510220  
GENERAL INFORMATION:  
APPLICANT: Skolnick, Mark H.  
APPLICANT: Goldgar, David E.  
APPLICANT: Miki, Yoshio  
APPLICANT: Swenson, Jeff  
APPLICANT: Kamb, Alexander  
APPLICANT: Harshman, Keith D.  
APPLICANT: Shattuck-Elidens, Donna M.  
APPLICANT: Tavligian, Sean V.  
APPLICANT: Wiseman, Roger W.  
APPLICANT: Futreal, P. Andrew  
TITLE OF INVENTION: Method for Diagnosing a  
Predisposition for Breast and Ovarian Cancer  
NUMBER OF SEQUENCES: 85  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP  
STREET: 1201 New York Avenue, N.W., Suite 1000  
CITY: Washington  
STATE: DC  
COUNTRY: USA  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/10220  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US  
FILING DATE: 07-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/409,305  
FILING DATE: 24-MAR-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/348,824  
FILING DATE: 29-NOV-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08-308,104  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/300,266  
FILING DATE: 02-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/289,221  
FILING DATE: 12-AUG-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Ihned, Jeffrey L.  
REGISTRATION NUMBER: 28,957  
REFERENCE/DOCKET NUMBER: 24084-109347  
TELECOMMUNICATION INFORMATION:

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: TELEPHONE: 202-962-4810
: TELEFAX: 202-962-8300
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 6769 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: HYPOTHEetical: NO
: ANTI-SENSE: NO
: ORIGINAL SOURCE:
: ORGANISM: Homo sapiens
: PCT-US95-10220-20

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	Query Match	Score	DB 6:	Length	6769:
	Best Local Similarity	84.4%	Pred. No.	8.1e-30:	
	Matches	200:	Conservative	0:	Mismatches 29: Indels 8: Gaps 1:
Qy	1321	acctgagctcaatcgcaacctctgcctcccaagttcaagaacatctctctgctcagccctcc	1380		
Db	5509	ATCTCACTCTCTCCGCAAGTGTGCTCTCCAGGTGAAGCAATCTCTCTCCAGCTCT	5568		
Qy	1381	cgcgtaagcttggactcaagggcg-----cagcgccggtatatttggatattgttagta	1432		
Db	5569	CTAGTAGCTGGGACTACAGGCCGCCACACACCCGGCATATTTTGTATTTTATTTAGTA	5628		
Qy	1433	gagatggggttcacacatatatgaccggctgtgtctctgaactcctgacctcaaggtatcca	1492		
Db	5629	GAGATGGGGTTTCACCATGTTGGCCAGGTGTGTTGAACCTCATGACCTCAAGTGGTCCA	5688		
Qy	1493	cccactcaagctcctctaaagtgtgtggattaaagcatalgagtcacagcgccggcgcca	1549		
Db	5689	CCCGCTCAAGCTCCCAAGAAGTCTGGAATTAAGGCTTGAAGCCACCGTCCAGCA	5745		

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```

: LENGTH: 4823 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: FEATURE:
: NAME/KEY: CDS
: LOCATION: join(632..644, 876..1003, 1290..1376, 3309..3476,
: LOCATION: 3713..4375)
: US-08-457-254-5

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Query Match
Best Local Similarity 81.3%; Score 163.6; DB 4; Length 4823;
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;

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OY 1321 acctgagctcactgcaactctgctcccaaggttcaagaattctctctcagctcc 1380
DB 2710 ATCTCAACTCACTGCAACCTCAGCCTCCGGATTCAAGGATTCTCTGCTCAGTCTCC 2769
OY 1381 cgcgtagctggagactacagggcgac-----gccggctaatttttgatgttagta 1432
DB 2770 CAAGTAGCTGGGGATTACAGTGTGCGCACACCATGCCACGTAATTGTGTTGTTA 2829
OY 1433 ggaatggggtttcaaccatactagcccgctgcttgaactcctgacctgaagtgatcca 1492
DB 2830 GAGATGGGGTTTCACCATGTGTGGCAGGCTGATCTTGAACCTCAGCTGATCCA 2889
OY 1493 cccacctcagctcctcctaaagtgtggtgattacaggaatgagtcacggcgccgccaagg 1552
DB 2890 CCGCTCAGCCTCCCAAGTGTGCTGGGATTACAGCGGTGAGCCATGACCCAGCCTTCA 2949
OY 1553 gtccagtgtttaa 1564
DB 2950 TTCAGTTTAAAA 2961

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RESULT 14
US-08-484-257-20
: Sequence 20, Application US/08484257
: Patent No. 5989357
: GENERAL INFORMATION:
: APPLICANT: HOLLY, Richard D.
: APPLICANT: LOK, S1
: APPLICANT: Foster, Donald C.
: APPLICANT: Hagen, Frederick S.
: APPLICANT: Kaushansky, Kenneth
: APPLICANT: Kijpser, Joseph L.
: APPLICANT: Lofton-Day, Catherine E.
: APPLICANT: Oort, Pieter J.
: TITLE OF INVENTION: Methods for Stimulating Granulocyte/Macrophage Lineage Cells
: NUMBER OF SEQUENCES: 21
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: ZymoGenetics, Inc.
: STREET: 1201 Eastlake E.
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98102
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/484,257
: FILING DATE:
: CLASSIFICATION: 514
: ATTORNEY/AGENT INFORMATION:
: NAME: Parker, Gary E
: REGISTRATION NUMBER: 31-648
: REFERENCE/DOCKET NUMBER: 95-09
: TELECOMMUNICATION INFORMATION:

```

```

: TELEPHONE: 206-442-6673
: TELEFAX: 206-442-6678
: INFORMATION FOR SEQ ID NO: 20:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 4823 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: FEATURE:
: NAME/KEY: CDS
: LOCATION: join(632..644, 876..1003, 1290..1376, 3309..3476,
: LOCATION: 3713..4375)
: US-08-484-257-20

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Query Match
Best Local Similarity 81.3%; Score 163.6; DB 4; Length 4823;
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;

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OY 1321 acctgagctcactgcaactctgctcccaaggttcaagaattctctctcagctcc 1380
DB 2710 ATCTCAACTCACTGCAACCTCAGCCTCCGGATTCAAGGATTCTCTGCTCAGTCTCC 2769
OY 1381 cgcgtagctggagactacagggcgac-----gccggctaatttttgatgttagta 1432
DB 2770 CAAGTAGCTGGGGATTACAGTGTGCGCACACCATGCCACGTAATTGTGTTGTTA 2829
OY 1433 ggaatggggtttcaaccatactagcccgctgcttgaactcctgacctgaagtgatcca 1492
DB 2830 GAGATGGGGTTTCACCATGTGTGGCAGGCTGATCTTGAACCTCAGCTGATCCA 2889
OY 1493 cccacctcagctcctcctaaagtgtggtgattacaggaatgagtcacggcgccgccaagg 1552
DB 2890 CCGCTCAGCCTCCCAAGTGTGCTGGGATTACAGCGGTGAGCCATGACCCAGCCTTCA 2949
OY 1553 gtccagtgtttaa 1564
DB 2950 TTCAGTTTAAAA 2961

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RESULT 15
US-08-999-927-5
: Sequence 5, Application US/08999927
: Patent No. 6099830
: GENERAL INFORMATION:
: APPLICANT: Kaushansky, Kenneth
: TITLE OF INVENTION: Methods of Stimulating Erythropoiesis
: TITLE OF INVENTION: Using Hematopoietic Proteins.
: NUMBER OF SEQUENCES: 6
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: ZymoGenetics, Inc.
: STREET: 1201 Eastlake Avenue East
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98102
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/999,927
: FILING DATE:
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/08/347,748
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: Parker, Gary E
: REGISTRATION NUMBER: 31-648
: REFERENCE/DOCKET NUMBER: 94-09C2

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TELECOMMUNICATION INFORMATION:  
TELEPHONE: 206-442-6673  
TELEFAX: 206-442-6678  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 4823 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
FEATURE:  
NAME/KEY: CDS  
LOCATION: join(632..644, 876..1003, 1290..1376, 3309..3476,  
LOCATION: 3713..4375)  
US-08-999-927-5

Query Match 3.18; Score 163.6; DB 5; Length 4823;  
Best Local Similarity 81.3%; Pred. No. 1.2e-29;  
Matches 205; Conservative 0; Mismatches 39; Indels 8; Gaps 1;  
OY 1321 accgagctcactcaacctctgctcccaagttcaagaattctcctgctcagctcc 1380  
||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 2710 ATCTCACTCACTGCAACCTCAGCCTCCGGATTCAGCGATTCCTGCTCACTC 2769  
OY 1381 cgctgagctggagactacagcgccac-----gccggctaattttgtattgta 1432  
| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 2770 CAAGTAGCTGGGATTACAGTGCCACCAACCATGCCAGCTAATTGTGTATTTG 2829  
OY 1433 gagaatgggtttcacacatattagcccgctgcttgaactcctgacctcaggta 1492  
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 2830 GAGATGGGTTTACACATGTTGGCGAGGCTGATCTTGAATCTGACCTCAGTGAT 2889  
OY 1493 cccaccctcagctccttaagtgctgggattacaggcatgagtcacgccccggcca 1552  
||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 2890 CCTGCTCAGCTCCCAAGTGTGGATTACAGGCGTGAAGCCACTGACCCAGCCTT 2949  
OY 1553 gtcagtgcttaa 1564  
||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||  
Db 2950 TTCAGTTTAAA 2961

Search completed: December 3, 2000, 18:55:55  
Job time: 41481 sec